**Work Instructions: Replacing the Chain Coupler**

**Preliminary Note:**

* Needs to be changed twice per year

**Parts Needed**

* Chain with Master Link (P-C-2123)
* Chain Coupling Flange (P-C2163-3)

**Tools Needed**

* Hammer
* Chisel
* Flathead Screwdriver
* Grinder
* Cut off wheels for grinder
* Crowbar
* Needle Nose Pliers

**Procedure**

1. Press a wash stop in.
2. If replacing the chain that is still on the couplings, The Chain will need to be removed. Remove the chain connecting the drive shaft and gearbox shaft. May need to cut the area to break the chain free then use a chisel and hammer to help pry it free and hit it off. Do not cut the teeth on both of the couplings. Cut between the teeth on the couplings.
3. Inspect the old couplings to make sure they are not too worn once the chain is off.
4. Inspect the New couplings to ensure they line up together for the new chain. If they do not line up correctly, the drive shaft may need to be moved by using shims
5. Check bearing shelf welds to make sure that those are still in place as well.
6. Place the new chain on. Using a hammer, lightly tap into place and correctly line up the chain into the coupling’s teeth.
7. Make sure the Allen screws on couplings are not in the way when putting the master link pin in. Two plates go in the middle when putting in the master link and one on the end with a lock ring. Flat head screwdriver, hammer, and needle nose pliers will possibly come in handy during this step.
8. Once put back together, get all tools out of the belt’s way, pull out the wash-stop and run the belt.
9. Inspect for any issues. If none are found, clean up and put the tools away.

**Instructional** **Videos**:

[Chain and Coupler Draft 2 on Vimeo](https://vimeo.com/668402540)